

APPENDIX 2A. DIOXINS AND FURANS IN 2001 FISH SAMPLES: ANDROSCOGGIN RIVER AND KENNEBEC RIVER

DEP ID WRI ID Compound	AGL-RBT-01 01-001	AGL-RBT-02 01-002	AGL-RBT-03 01-003	AGL-RBT-04 01-004	AGL-RBT AVE	AGL-BNT-01 01-005	ARP-SMB-01 01-216	ARP-SMB-02 01-217	ARP-SMB-03 01-218	
	DL (ng/Kg)									
2378-tcdf	0.11	7.58	10.3	9.55	8.82	9.06	10.5	3.01	4.21	4.89
12378-pecdf	0.25	2.06	3.61	2.57	1.84	2.52	2.66	<DL	<DL	<DL
23478-pecdf	0.25	<DL	0.61	0.75	0.57	0.64	0.61	0.25	0.41	0.57
123478-hxcdf	0.25	<DL	<DL	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL
123678-hxcdf	0.25	<DL	0.33	0.38	0.24	0.32	0.35	<DL	0.22	0.34
234678-hxcdf	0.25	<DL	<DL	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL
123789-hxcdf	0.25	<DL	<DL	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL
1234678-hpcdf	0.50	<DL	0.57	0.42	0.33	0.44	0.62	<DL	<DL	0.31
1234789-hpcdf	0.50	<DL	<DL	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL
ocdf	0.50	<DL	0.74	0.59	0.51	0.61	1.02	0.51	0.89	1.03
2378-tcdd	0.10	0.68	0.91	0.78	0.75	0.78	0.81	0.19	0.35	0.41
12378-pecdd	0.25	<DL	0.12	<DL	<DL	0.12	0.15	<DL	<DL	<DL
123478-hxcdd	0.25	<DL	<DL	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL
123678-hxcdd	0.25	<DL	<DL	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL
123789-hxcdd	0.25	<DL	<DL	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL
1234678-hpcdd	0.50	<DL	1.26	0.87	0.66	0.93	0.75	<DL	<DL	<DL
ocdd	0.50	1.25	2.84	2.26	1.48	1.96	3.25	1.02	2.07	2.65
 DTEo	1.541	2.597	2.290	2.043	2.12	2.497	0.616	0.998	1.221	
DTEd	2.106	2.752	2.695	2.448	2.50	2.652	1.069	1.426	1.644	
DTEh	1.82	2.67	2.49	2.25	2.31	2.57	0.84	1.21	1.43	
DTEh sd					0.37					
DTEh Confidence					0.36					
DTEh 95 UCL					2.67	2.57				
% FTAL					178	171				
 % Lipids	1.96	3.61	3.06	2.19	2.70	10.22	0.69	1.40	1.83	
Sample weight (g)	50.1	50.0	50.1	50.0		50.0	50.1	50.1	50.1	

** For sample weights below 40 grams the detection limits must be adjusted accordingly.

APPENDIX 2A. DIOXINS AND FURANS IN 2001 FISH SAMPLES: ANDROSCOGGIN RIVER AND KENNEBEC RIVER

DEP ID WRI ID Compound	ARP-SMB-04 01-219	ARP-SMB-05 01-220	ARP-SMB AVE	ARP-WHS-C1 01-265-C1	ARP-WHS-C2 01-261-C2	ARP-WHS AVE	ARF-SMB-01 01-011	ARF-SMB-02 01-012	ARF-SMB-03 01-013	
	DL (ng/Kg)									
2378-tcdf	0.11	6.25	2.74	4.22	4.21	3.52	3.87	1.06	0.80	2.16
12378-pecdf	0.25	<DL	<DL	#DIV/0!	0.26	0.21	0.24	0.28	0.31	0.35
23478-pecdf	0.25	0.65	0.22	0.42	0.31	0.28	0.30	0.35	<DL	0.19
123478-hxcdf	0.25	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!	<DL	<DL	<DL
123678-hxcdf	0.25	0.29	<DL	0.28	0.22	<DL	0.22	0.32	<DL	0.29
234678-hxcdf	0.25	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!	<DL	<DL	<DL
123789-hxcdf	0.25	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!	<DL	<DL	<DL
1234678-hpcdf	0.50	0.42	<DL	0.37	0.37	0.29	0.33	0.30	0.21	0.36
1234789-hpcdf	0.50	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!	<DL	<DL	<DL
ocdf	0.50	0.87	0.55	0.77	0.15	0.11	0.13	<DL	<DL	<DL
2378-tcdd	0.10	0.48	0.15	0.32	0.11	0.09	0.10	0.29	0.28	0.24
12378-pecdd	0.25	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!	<DL	<DL	<DL
123478-hxcdd	0.25	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!	<DL	<DL	<DL
123678-hxcdd	0.25	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!	<DL	<DL	<DL
123789-hxcdd	0.25	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!	<DL	<DL	0.29
1234678-hpcdd	0.50	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!	<DL	<DL	<DL
ocdd	0.50	2.74	0.99	1.89	1.61	1.42	1.52	0.29	1.91	0.25
DTEo	1.464	0.534	0.97	0.725	0.596	0.66	0.620	0.378	0.630	
DTEd	1.886	0.987	1.40	1.135	1.031	1.08	1.030	0.938	1.015	
DTEh	1.67	0.76	1.18	0.93	0.81	0.87	0.83	0.66	0.82	
DTEh sd			0.39			0.08				
DTEh Confidence			0.34			0.11				
DTEh 95 UCL			1.52			0.99				
% FTAL			102			66				
% Lipids	2.32	0.58	1.36	2.49	1.85	2.17	1.23	0.70	1.12	
Sample weight (g)	50	50.1		50.0	50.1		50.0	50.1	50.0	

** For sample weights below 40 g

APPENDIX 2A. DIOXINS AND FURANS IN 2001 FISH SAMPLES: ANDROSCOGGIN RIVER AND KENNEBEC RIVER

DEP ID WRI ID Compound	ARF-SMB-04 01-014	ARF-SMB-05 01-015	ARF-SMB AVE	ARF-WHS-C1 01-016-C1	ARF-WHS-C2 01-017-C2	ARF-WHS AVE	ARY SMB-01 01-041	ARY SMB-02 01-042	ARY SMB-03 01-043
	DL (ng/Kg)								
2378-tcdf	0.11	1.85	1.18	1.41	11.9	11.7	11.80	2.58	1.28
12378-pecdf	0.25	0.21	0.48	0.33	0.56	0.45	0.51	<DL	<DL
23478-pecdf	0.25	0.31	0.42	0.32	0.71	0.93	0.82	0.59	0.31
123478-hxcdf	0.25	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!	<DL	<DL
123678-hxcdf	0.25	0.25	0.42	0.32	0.53	0.35	0.44	<DL	<DL
234678-hxcdf	0.25	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!	<DL	<DL
123789-hxcdf	0.25	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!	<DL	<DL
1234678-hpcdf	0.50	0.47	0.39	0.35	0.73	0.90	0.82	1.06	0.75
1234789-hpcdf	0.50	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!	<DL	<DL
ocdf	0.50	<DL	<DL	#DIV/0!	0.37	<DL	0.37	<DL	<DL
2378-tcdd	0.10	0.16	0.15	0.22	0.20	0.33	0.27	0.12	0.10
12378-pecdd	0.25	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!	0.15	0.14
123478-hxcdd	0.25	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!	<DL	<DL
123678-hxcdd	0.25	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!	<DL	<DL
123789-hxcdd	0.25	<DL	<DL	0.29	<DL	<DL	#DIV/0!	<DL	<DL
1234678-hpcdd	0.50	<DL	<DL	#DIV/0!	1.58	1.44	1.51	<DL	<DL
ocdd	0.50	0.22	0.29	0.59	1.55	1.70	1.63	2.25	1.35
DTEo	0.540	0.548	0.54	1.849	2.046	1.95	0.834	0.531	0.661
DTEd	0.950	0.958	0.98	2.254	2.451	2.35	1.031	0.728	0.858
DTEh	0.75	0.75	0.76	2.05	2.25	2.15	0.93	0.63	0.76
DTEh sd			0.07			0.14			
DTEh Confidence			0.06			0.19			
DTEh 95 UCL			0.82			2.34			
% FTAL			55			45			
% Lipids	1.19	1.62	1.17	12.88	12.42	12.65	1.23	0.61	1.09
Sample weight (g)	50.1	50.0		50.1	50.1		50.1	50.1	50.1

** For sample weights below 40 g

APPENDIX 2A. DIOXINS AND FURANS IN 2001 FISH SAMPLES: ANDROSCOGGIN RIVER AND KENNEBEC RIVER

DEP ID WRI ID Compound	ARY SMB-04 01-044	ARY SMB-05 01-045	ARY SMB-06 01-046	ARY SMB-07 01-047	ARY SMB-08 01-048	ARY SMB-09 01-049	ARY SMB-10 01-050	ARY SMB AVE	
	DL (ng/Kg)								
2378-tcdf	0.11	3.06	2.84	1.65	1.48	1.96	2.21	2.57	2.10
12378-pecdf	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL	#DIV/0!
23478-pecdf	0.25	0.52	0.47	0.31	0.38	0.52	0.49	0.44	0.45
123478-hxcdf	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL	#DIV/0!
123678-hxcdf	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL	#DIV/0!
234678-hxcdf	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL	#DIV/0!
123789-hxcdf	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL	#DIV/0!
1234678-hpcdf	0.50	0.84	0.72	0.41	0.67	0.59	0.82	1.01	0.74
1234789-hpcdf	0.50	<DL	<DL	<DL	<DL	<DL	<DL	<DL	#DIV/0!
ocdf	0.50	<DL	<DL	<DL	<DL	<DL	<DL	<DL	#DIV/0!
2378-tcdd	0.10	0.29	0.24	0.16	0.19	0.21	0.19	0.22	0.19
12378-pecdd	0.25	0.25	0.22	0.15	0.14	0.17	0.19	0.17	0.18
123478-hxcdd	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL	#DIV/0!
123678-hxcdd	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL	#DIV/0!
123789-hxcdd	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL	#DIV/0!
1234678-hpcdd	0.50	<DL	<DL	<DL	<DL	<DL	<DL	<DL	#DIV/0!
ocdd	0.50	0.99	1.15	0.787	0.94	0.61	1.06	1.24	1.14
DTEo	1.114	0.986	0.634	0.675	0.842	0.854	0.877	0.80	
DTEd	1.312	1.184	0.832	0.872	1.040	1.052	1.074	1.00	
DTEh	1.21	1.09	0.73	0.77	0.94	0.95	0.98	0.90	
DTEh sd								0.18	
DTEh Confidence								0.11	
DTEh 95 UCL								1.01	
% FTAL								67	
% Lipids	1.73	1.57	0.76	0.73	0.87	0.77	0.90	1.03	
Sample weight (g)	50.1	50.1	50.0	50.0	50.1	50.0	50.0		

** For sample weights below 40 g

APPENDIX 2A. DIOXINS AND FURANS IN 2001 FISH SAMPLES: ANDROSCOGGIN RIVER AND KENNEBEC RIVER

DEP ID		ARY-SSMB-01 01-400	ARY-SSMB-02 01-401	ARY-SSMB-03 01-402	ARY-SSMB-04 01-403	ARY-SSMB-05 01-404	ARY-SSMB-06 01-405	ARY-SSMB-07 01-406	ARY-SSMB-08 01-407
WRI ID		**	**	**	**	**	**	**	**
Compound	DL (ng/Kg)								
2378-tcdf	0.11	3.15	5.01	1.98	2.07	4.85	2.15	1.21	2.79
12378-pecdf	0.25	<DL							
23478-pecdf	0.25	<DL							
123478-hxcdf	0.25	<DL							
123678-hxcdf	0.25	<DL							
234678-hxcdf	0.25	<DL							
123789-hxcdf	0.25	<DL							
1234678-hpcdf	0.50	0.85	1.65	0.52	0.66	1.21	0.56	0.49	0.69
1234789-hpcdf	0.50	<DL							
ocdf	0.50	<DL							
2378-tcdd	0.10	0.16	0.28	<DL	<DL	0.31	0.15	0.11	0.17
12378-pecdd	0.25	<DL							
123478-hxcdd	0.25	<DL							
123678-hxcdd	0.25	<DL							
123789-hxcdd	0.25	<DL							
1234678-hpcdd	0.50	0.79	1.06	0.55	<DL	1.22	0.72	0.64	0.62
ocdd	0.50	2.07	3.37	1.21	0.65	3.04	1.86	0.56	1.54
 DTEo	0.492	0.808	0.209	0.214	0.820	0.378	0.242	0.462	
DTEd	1.627	1.376	2.211	2.231	1.387	1.513	1.377	1.597	
DTEh	1.06	1.09	1.21	1.22	1.10	0.95	0.81	1.03	
DTEh sd									
DTEh Confidence									
DTEh 95 UCL									
% FTAL									
 % Lipids	1.84	2.69	0.49	1.71	4.01	2.64	2.25	4.09	
Sample weight (g)	22.3	46.8	14.4	16.7	50.0	21.9	19.8	22.2	

** For sample weights below 40 g

APPENDIX 2A. DIOXINS AND FURANS IN 2001 FISH SAMPLES: ANDROSCOGGIN RIVER AND KENNEBEC RIVER

DEP ID WRI ID Compound	ARY-SSMB-09 01-408 DL (ng/Kg) **	ARY-SSMB-10 01-409 **	ARY-SSMB AVE	ARY-WHS-C1 01-377-C1	ARY-WHS-C2 01-378-C2	ARY-WHS-C3 01-385-C3	ARY-WHS-C4 01-385-C4	ARY-WHS-C5 01-385-C5
2378-tcdf	0.11	0.99	1.45	2.57	8.85	13.6	6.16	7.26
12378-pecdf	0.25	<DL	<DL	#DIV/0!	0.33	0.57	0.25	0.29
23478-pecdf	0.25	<DL	<DL	#DIV/0!	0.64	0.88	0.47	0.56
123478-hxcdf	0.25	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL
123678-hxcdf	0.25	<DL	<DL	#DIV/0!	0.33	0.45	0.21	<DL
234678-hxcdf	0.25	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL
123789-hxcdf	0.25	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL
1234678-hpcdf	0.50	0.65	0.47	0.78	0.28	0.59	0.32	0.39
1234789-hpcdf	0.50	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL
ocdf	0.50	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL
2378-tcdd	0.10	0.09	<DL	0.14	0.26	0.35	0.19	0.21
12378-pecdd	0.25	<DL	<DL	#DIV/0!	0.27	0.40	0.22	0.22
123478-hxcdd	0.25	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL
123678-hxcdd	0.25	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL
123789-hxcdd	0.25	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL
1234678-hpcdd	0.50	0.51	<DL	0.76	<DL	<DL	<DL	<DL
ocdd	0.50	0.87	0.51	1.57	2.54	3.66	1.75	3.02
DTEo	0.201	0.150	0.40	1.788	2.630	1.298	1.455	1.562
DTEd	1.903	2.167	1.74	1.973	2.815	1.458	1.685	1.747
DTEh	1.05	1.16	1.07	1.88	2.72	1.38	1.57	1.65
DTEh sd			0.12					
DTEh Confidence			0.08					
DTEh 95 UCL			1.14					
% FTAL			76					
% Lipids	3.91	4.06	2.77	3.69	5.12	2.40	2.85	2.84
Sample weight (g)	17.8	15.9		50.1	50.1	50.1	50.1	50.0

** For sample weights below 40 g

APPENDIX 2A. DIOXINS AND FURANS IN 2001 FISH SAMPLES: ANDROSCOGGIN RIVER AND KENNEBEC RIVER

DEP ID WRI ID Compound	ARY-WHS-C6 01-383-C6	ARY-WHS-C7 01-388-C7	ARY-WHS-C8 01-373-C8	ARY-WHS-C9 01-381-C9	ARY-WHS-C10 01-379-C10	ARY-WHS AVE	ALV-SMB-01 01-066	ALV-SMB-02 01-067
DL (ng/Kg)								
2378-tcdf	0.11	10.3	12.9	9.58	8.75	11.2	9.56	2.88
12378-pecdf	0.25	0.51	0.47	0.36	0.31	0.39	0.38	<DL
23478-pecdf	0.25	0.61	0.94	0.59	0.78	0.63	0.68	0.28
123478-hxcdf	0.25	<DL	<DL	<DL	<DL	<DL	#DIV/0!	<DL
123678-hxcdf	0.25	0.36	0.27	0.42	0.25	0.31	0.32	<DL
234678-hxcdf	0.25	<DL	<DL	<DL	<DL	<DL	#DIV/0!	<DL
123789-hxcdf	0.25	<DL	<DL	<DL	<DL	<DL	#DIV/0!	<DL
1234678-hpcdf	0.50	0.47	0.55	0.38	0.41	0.58	0.44	<DL
1234789-hpcdf	0.50	<DL	<DL	<DL	<DL	<DL	#DIV/0!	<DL
ocdf	0.50	<DL	<DL	<DL	<DL	<DL	#DIV/0!	0.51
2378-tcdd	0.10	0.27	0.31	0.24	0.28	0.20	0.26	0.25
12378-pecdd	0.25	0.35	0.39	0.28	0.31	0.27	0.29	<DL
123478-hxcdd	0.25	<DL	<DL	<DL	<DL	<DL	#DIV/0!	0.49
123678-hxcdd	0.25	<DL	<DL	<DL	<DL	<DL	#DIV/0!	<DL
123789-hxcdd	0.25	<DL	<DL	<DL	<DL	<DL	#DIV/0!	<DL
1234678-hpcdd	0.50	<DL	<DL	<DL	<DL	<DL	#DIV/0!	<DL
ocdd	0.50	2.06	1.95	2.57	2.64	3.14	2.49	1.15
 DTEo	2.021	2.516	1.837	1.900	1.962	1.90	0.727	0.705
DTEd	2.181	2.676	1.997	2.060	2.122	2.07	1.155	1.133
DTEh	2.10	2.60	1.92	1.98	2.04	1.98	0.94	0.92
DTEh sd						0.42		
DTEh Confidence						0.26		
DTEh 95 UCL						2.25		
% FTAL						150		
 % Lipids	4.20	4.99	3.40	3.37	4.20	3.71	0.43	0.45
Sample weight (g)	50.0	50.1	50.0	50.1	50.1		50.1	50.0

** For sample weights below 40 g

APPENDIX 2A. DIOXINS AND FURANS IN 2001 FISH SAMPLES: ANDROSCOGGIN RIVER AND KENNEBEC RIVER

DEP ID WRI ID Compound	ALV-SMB-03 01-068	ALV-SMB-04 01-069	ALV-SMB-05 01-070	ALV-SMB-06 01-071	ALV-SMB-07 01-072	ALV-SMB-08 01-073	ALV-SMB-09 01-074	ALV-SMB-10 01-075	ALV-SMB AVE	
	DL (ng/Kg)									
2378-tcdf	0.11	2.51	6.02	5.06	4.59	2.86	5.31	1.78	1.99	3.54
12378-pecdf	0.25	<DL	<DL	#DIV/0!						
23478-pecdf	0.25	0.33	0.65	0.48	0.55	0.41	0.69	<DL	<DL	0.45
123478-hxcdf	0.25	<DL	<DL	#DIV/0!						
123678-hxcdf	0.25	<DL	<DL	#DIV/0!						
234678-hxcdf	0.25	<DL	<DL	#DIV/0!						
123789-hxcdf	0.25	<DL	<DL	#DIV/0!						
1234678-hpcdf	0.50	<DL	<DL	#DIV/0!						
1234789-hpcdf	0.50	<DL	<DL	#DIV/0!						
ocdf	0.50	0.72	1.65	1.02	0.79	0.55	0.59	<DL	<DL	0.79
2378-tcdd	0.10	0.31	0.58	0.46	0.36	0.26	0.31	0.13	0.16	0.31
12378-pecdd	0.25	<DL	<DL	#DIV/0!						
123478-hxcdd	0.25	0.63	0.84	0.88	0.56	0.32	0.72	0.29	0.32	0.58
123678-hxcdd	0.25	<DL	<DL	#DIV/0!						
123789-hxcdd	0.25	<DL	<DL	#DIV/0!						
1234678-hpcdd	0.50	<DL	<DL	#DIV/0!						
ocdd	0.50	0.99	2.03	1.24	0.98	0.75	2.21	0.55	0.67	1.13
 DTEo	0.790	1.591	1.294	1.150	0.783	1.258	0.337	0.391	0.90	
DTEd	1.217	2.019	1.722	1.578	1.211	1.686	0.890	0.944	1.36	
DTEh	1.00	1.81	1.51	1.36	1.00	1.47	0.61	0.67	1.13	
DTEh sd									0.39	
DTEh Confidence									0.24	
DTEh 95 UCL									1.37	
% FTAL									91	
 % Lipids	0.46	0.86	0.76	0.61	0.44	0.78	0.19	0.25	2.39	
Sample weight (g)	50.0	50.1	50.0	50.1	50.0	50.0	50.0	50.0		

** For sample weights below 40 g

APPENDIX 2A. DIOXINS AND FURANS IN 2001 FISH SAMPLES: ANDROSCOGGIN RIVER AND KENNEBEC RIVER

DEP ID WRI ID Compound	ALV-SSMB-01 01-390 DL (ng/Kg) **	ALV-SSMB-02 01-391 **	ALV-SSMB-03 01-392 **	ALV-SSMB-04 01-393 **	ALV-SSMB-05 01-394 **	ALV-SSMB-06 01-395 **	ALV-SSMB-07 01-396 **	ALV-SSMB-08 01-397 **
2378-tcdf	0.11	3.26	2.69	3.41	2.69	2.47	1.87	2.31
12378-pecdf	0.25	<DL						
23478-pecdf	0.25	<DL						
123478-hxcdf	0.25	<DL						
123678-hxcdf	0.25	<DL						
234678-hxcdf	0.25	<DL						
123789-hxcdf	0.25	<DL						
1234678-hpcdf	0.50	<DL						
1234789-hpcdf	0.50	<DL						
ocdf	0.50	0.75	<DL	0.67	<DL	0.55	<DL	<DL
2378-tcdd	0.10	<DL	<DL	<DL	0.31	<DL	<DL	<DL
12378-pecdd	0.25	<DL						
123478-hxcdd	0.25	<DL						
123678-hxcdd	0.25	<DL						
123789-hxcdd	0.25	<DL						
1234678-hpcdd	0.50	<DL						
ocdd	0.50	2.66	3.01	2.87	1.54	1.85	1.26	1.18
 DTEo	0.326	0.269	0.341	0.579	0.247	0.187	0.231	0.201
DTEd	2.359	2.302	2.374	2.312	2.280	2.897	2.941	2.911
DTEh	1.34	1.29	1.36	1.45	1.26	1.54	1.59	1.56
DTEh sd								
DTEh Confidence								
DTEh 95 UCL								
% FTAL								
 % Lipids	3.41	3.25	3.27	5.53	1.98	5.12	4.33	3.61
Sample weight (g)	16.8	14.2	15.7	13.2	13.4	10.5	12.4	9.5

** For sample weights below 40 g

APPENDIX 2A. DIOXINS AND FURANS IN 2001 FISH SAMPLES: ANDROSCOGGIN RIVER AND KENNEBEC RIVER

DEP ID WRI ID Compound	ALV-SSMB-09 01-398 DL (ng/Kg) **	ALV-SSMB-10 01-399 **	ALV-SSMB AVE	ALV-WHS-C1 01-289-C1	ALV-WHS-C2 01-288-C2	ALV-WHS-C3 01-283-C3	ALV-WHS-C4 01-278-C4	ALV-WHS-C5 01-279-C5	
2378-tcdf	0.11	1.58	1.25	2.35	6.05	7.31	5.78	10.5	5.69
12378-pecdf	0.25	<DL	<DL	#DIV/0!	0.35	0.51	0.47	0.66	0.53
23478-pecdf	0.25	<DL	<DL	#DIV/0!	0.28	0.44	0.34	0.58	0.25
123478-hxcdf	0.25	<DL	<DL	#DIV/0!	<DL	0.25	<DL	0.36	0.26
123678-hxcdf	0.25	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL
234678-hxcdf	0.25	<DL	<DL	#DIV/0!	0.38	0.35	0.28	0.57	0.25
123789-hxcdf	0.25	<DL	<DL	#DIV/0!	0.65	0.66	0.42	0.94	0.58
1234678-hpcdf	0.50	<DL	<DL	#DIV/0!	0.35	0.47	0.39	0.68	<DL
1234789-hpcdf	0.50	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL
ocdf	0.50	<DL	<DL	0.66	0.84	1.88	0.78	2.47	0.94
2378-tcdd	0.10	<DL	<DL	0.08	0.25	0.29	0.27	0.35	0.24
12378-pecdd	0.25	<DL	<DL	#DIV/0!	0.23	0.31	0.24	0.37	0.26
123478-hxcdd	0.25	<DL	<DL	#DIV/0!	0.39	0.43	0.47	0.61	0.28
123678-hxcdd	0.25	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL
123789-hxcdd	0.25	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL
1234678-hpcdd	0.50	<DL	<DL	#DIV/0!	0.48	0.51	0.40	0.87	<DL
ocdd	0.50	0.98	<DL	1.86	0.75	1.58	0.97	2.29	0.67
DTEo	0.158	0.125	0.27	1.393	1.756	1.407	2.357	1.358	
DTEd	2.868	2.835	2.61	1.498	1.836	1.512	2.437	1.448	
DTEh	1.51	1.48	1.44	1.45	1.80	1.46	2.40	1.40	
DTEh sd			0.12						
DTEh Confidence			0.07						
DTEh 95 UCL			1.51						
% FTAL			101						
% Lipids	4.49	3.65	3.86	3.49	3.74	3.35	5.30	3.27	
Sample weight (g)	9.0	6.9		50.1	50.0	50.0	50.1	50.1	

** For sample weights below 40 g

APPENDIX 2A. DIOXINS AND FURANS IN 2001 FISH SAMPLES: ANDROSCOGGIN RIVER AND KENNEBEC RIVER

DEP ID WRI ID Compound	ALV-WHS-C6 01-282-C6	ALV-WHS-C7 01-280-C7	ALV-WHS-C8 01-275-C8	ALV-WHS-C9 01-276-C9	ALV-WHS-C10 01-272-C10	ALV-WHS-AVE	AGI-SMB-01 01-091	AGI-SMB-02 01-092	AGI-SMB-03 01-093	
DL (ng/Kg)										
2378-tcdf	0.11	4.36	6.87	5.49	6.47	8.65	6.72	0.99	1.98	1.24
12378-pecdf	0.25	0.35	0.57	0.26	0.61	0.72	0.50	1.02	2.01	1.29
23478-pecdf	0.25	0.46	0.52	0.30	0.48	0.54	0.42	<DL	<DL	<DL
123478-hxcdf	0.25	0.24	0.33	<DL	0.22	0.29	0.28	<DL	<DL	<DL
123678-hxcdf	0.25	<DL	<DL	<DL	<DL	<DL	#DIV/0!	<DL	<DL	<DL
234678-hxcdf	0.25	<DL	0.29	<DL	0.26	0.31	0.34	<DL	<DL	<DL
123789-hxcdf	0.25	0.41	0.75	0.51	0.46	0.82	0.62	<DL	<DL	<DL
1234678-hpcdf	0.50	<DL	0.42	<DL	0.40	0.51	0.46	0.77	1.55	1.06
1234789-hpcdf	0.50	<DL	<DL	<DL	<DL	<DL	#DIV/0!	<DL	<DL	<DL
ocdf	0.50	0.55	1.03	1.02	0.75	1.25	1.15	<DL	<DL	<DL
2378-tcdd	0.10	0.21	0.38	0.28	0.34	0.32	0.29	0.15	0.26	0.21
12378-pecdd	0.25	0.19	0.31	0.31	0.29	0.35	0.29	<DL	<DL	<DL
123478-hxcdd	0.25	<DL	0.35	0.24	0.27	0.57	0.40	<DL	<DL	<DL
123678-hxcdd	0.25	<DL	<DL	<DL	<DL	<DL	#DIV/0!	<DL	<DL	<DL
123789-hxcdd	0.25	<DL	<DL	<DL	<DL	<DL	#DIV/0!	<DL	<DL	<DL
1234678-hpcdd	0.50	<DL	0.49	<DL	0.43	0.77	0.56	0.68	1.24	0.85
ocdd	0.50	0.59	0.78	0.64	1.02	3.21	1.25	1.59	3.36	2.72
 DTEo	 1.149	 1.847	 1.377	 1.677	 2.053	 1.64	 0.315	 0.587	 0.418	
DTEd	1.289	1.927	1.517	1.757	2.133	1.74	0.870	1.142	0.973	
DTEh	1.22	1.89	1.45	1.72	2.09	1.69	0.59	0.86	0.70	
DTEh sd						0.36				
DTEh Confidence						0.23				
DTEh 95 UCL						1.91				
% FTAL						127				
 % Lipids	 2.85	 3.61	 2.28	 3.36	 4.28	 3.55	 0.55	 0.89	 0.71	
Sample weight (g)	50.1	50.0	50.0	50.1	50.1		50.0	50.1	50.1	

** For sample weights below 40 g

APPENDIX 2A. DIOXINS AND FURANS IN 2001 FISH SAMPLES: ANDROSCOGGIN RIVER AND KENNEBEC RIVER

DEP ID WRI ID Compound	AGI-SMB-04 01-094	AGI-SMB-05 01-095	AGI-SMB AVE	AGI-WHS-C1 01-357-C1	AGI-WHS-C2 01-355-C2	AGI-WHS AVE	ALW-SMB-C1 01-425-C1	ALW-SMB-C2 01-423-C2	ALW-SMB AVE	
	DL (ng/Kg)									
2378-tcdf	0.11	0.69	0.87	1.15	1.98	2.31	2.15	0.45	0.61	0.53
12378-pecdf	0.25	0.56	0.77	1.13	0.87	1.02	0.95	<DL	<DL	#DIV/0!
23478-pecdf	0.25	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!
123478-hxcdf	0.25	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!
123678-hxcdf	0.25	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!	0.33	0.47	0.40
234678-hxcdf	0.25	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!
123789-hxcdf	0.25	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!
1234678-hpcdf	0.50	0.31	0.49	0.84	0.26	0.35	0.31	0.42	0.59	0.51
1234789-hpcdf	0.50	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!
ocdf	0.50	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!
2378-tcdd	0.10	0.09	0.10	0.16	0.15	0.19	0.17	<DL	<DL	#DIV/0!
12378-pecdd	0.25	<DL	<DL	#DIV/0!	0.14	0.15	0.15	<DL	<DL	#DIV/0!
123478-hxcdd	0.25	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!
123678-hxcdd	0.25	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!
123789-hxcdd	0.25	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!
1234678-hpcdd	0.50	0.51	0.45	0.75	0.55	0.63	0.59	<DL	<DL	#DIV/0!
ocdd	0.50	0.66	1.28	1.92	1.36	1.28	1.32	2.85	2.61	2.73
DTEo	0.195	0.235	0.35	0.540	0.632	0.59	0.082	0.114	0.10	
DTEd	0.750	0.790	0.90	0.845	0.937	0.89	0.730	0.762	0.75	
DTEh	0.47	0.51	0.63	0.69	0.78	0.74	0.41	0.44	0.42	
DTEh sd			0.16			0.07			0.02	
DTEh Confidence			0.14			0.09			0.03	
DTEh 95 UCL			0.77			0.83			0.45	
% FTAL			51			55			30	
% Lipids	0.21	0.32	0.54	1.03	1.11		1.07	1.15	1.11	
Sample weight (g)	50	50		50.0	50.1		50.1	50.0		

** For sample weights below 40 g

APPENDIX 2A. DIOXINS AND FURANS IN 2001 FISH SAMPLES: ANDROSCOGGIN RIVER AND KENNEBEC RIVER

DEP ID		ALW-WHP-C1	ALW-WHP-C2	ALW-WHP	ALW-WHS-C1	ALW-WHS-C2	ALW-WHS	ALS-SMB-01	ALS-SMB-02	ALS-SMB-03
WRI ID		01-106-C1	01-107-C2	AVE	01-345-C1	01-346-C2 **	AVE	01-006	01-007	01-008
Compound	DL (ng/Kg)									
2378-tcdf	0.11	0.27	0.21	0.24	0.26	0.65	0.46	4.46	4.95	1.41
12378-pecdf	0.25	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!	<DL	<DL	<DL
23478-pecdf	0.25	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!	0.38	0.24	0.52
123478-hxcdf	0.25	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!	<DL	<DL	<DL
123678-hxcdf	0.25	0.24	<DL	0.24	<DL	0.25	0.25	0.19	0.25	0.58
234678-hxcdf	0.25	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!	<DL	<DL	<DL
123789-hxcdf	0.25	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!	<DL	<DL	<DL
1234678-hpcdf	0.50	0.31	0.26	0.29	0.51	0.64	0.58	0.51	0.46	0.86
1234789-hpcdf	0.50	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!	<DL	<DL	<DL
ocdf	0.50	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!	<DL	<DL	<DL
2378-tcdd	0.10	0.15	0.09	0.12	<DL	<DL	#DIV/0!	0.26	0.33	0.43
12378-pecdd	0.25	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!	<DL	<DL	<DL
123478-hxcdd	0.25	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!	<DL	<DL	<DL
123678-hxcdd	0.25	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!	<DL	<DL	<DL
123789-hxcdd	0.25	<DL	<DL	#DIV/0!	<DL	<DL	#DIV/0!	<DL	0.45	0.39
1234678-hpcdd	0.50	0.39	<DL	0.39	<DL	<DL	#DIV/0!	<DL	<DL	<DL
ocdd	0.50	1.85	1.03	1.44	1.41	1.97	1.69	0.39	1.03	0.76
 DTEo	 0.208	 0.114	 0.16	 0.031	 0.097	 0.06	 0.920	 1.020	 0.937	
DTEd	0.751	0.686	0.72	0.704	0.742	0.72	1.343	1.417	1.334	
DTEh	0.48	0.40	0.44	0.37	0.42	0.39	1.13	1.22	1.14	
DTEh sd			0.06			0.04				
DTEh Confidence			0.08			0.05				
DTEh 95 UCL			0.52			0.44				
% FTAL			35			30				
 % Lipids	 1.11	 0.54	 0.82	 0.32	 0.84	 0.58	 0.35	 0.32	 0.89	
Sample weight (g)	50	50		50.1	50.1		50.1	50.0	50.0	

** For sample weights below 40 g

APPENDIX 2A. DIOXINS AND FURANS IN 2001 FISH SAMPLES: ANDROSCOGGIN RIVER AND KENNEBEC RIVER

DEP ID WRI ID Compound	ALS-SMB-04 01-009	ALS-SMB-05 01-010	ALS-SMB AVE	KMD-BNT-1 01-076	KMD-BNT-2 01-077	KMD-BNT-3 01-078	KMD-BNT-4 01-079	KMD-BNT-5 01-080	KMD-BNT ave	
DL (ng/Kg)										
2378-tcdf	0.11	2.73	4.57	3.62	0.32	0.54	0.39	0.28	0.24	0.35
12378-pecdf	0.25	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	#DIV/0!
23478-pecdf	0.25	0.41	0.46	0.40	<DL	<DL	<DL	<DL	<DL	#DIV/0!
123478-hxcdf	0.25	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	#DIV/0!
123678-hxcdf	0.25	0.47	0.35	0.37	0.22	0.37	0.33	0.19	<DL	0.28
234678-hxcdf	0.25	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	#DIV/0!
123789-hxcdf	0.25	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	#DIV/0!
1234678-hpcdf	0.50	0.74	0.58	0.63	0.31	0.74	0.41	0.36	0.20	0.40
1234789-hpcdf	0.50	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	#DIV/0!
ocdf	0.50	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	#DIV/0!
2378-tcdd	0.10	0.74	0.30	0.41	<DL	<DL	<DL	<DL	<DL	#DIV/0!
12378-pecdd	0.25	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	#DIV/0!
123478-hxcdd	0.25	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	#DIV/0!
123678-hxcdd	0.25	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	#DIV/0!
123789-hxcdd	0.25	0.90	0.26	0.50	<DL	<DL	<DL	<DL	<DL	#DIV/0!
1234678-hpcdd	0.50	<DL	<DL	#DIV/0!	0.41	0.97	0.76	0.52	0.48	0.63
ocdd	0.50	0.43	0.70	0.66	0.96	2.66	1.75	1.26	1.08	1.54
 DTEo	 1.362	 1.054	 1.06	 0.061	 0.108	 0.084	 0.056	 0.031	 0.07	
DTEd	1.760	1.451	1.46	0.704	0.751	0.726	0.698	0.698	0.72	
DTEh	1.56	1.25	1.26	0.38	0.43	0.41	0.38	0.36	0.39	
DTEh sd			0.18						0.03	
DTEh Confidence			0.15						0.02	
DTEh 95 UCL			1.41						0.41	
% FTAL			94						28	
 % Lipids	 0.65	 0.70	 0.58	 2.89	 4.27	 3.38	 2.69	 2.17	 3.08	
Sample weight (g)	50.1	50.1		50.1	50.0	50.0	50.1	50.1	50.06	

** For sample weights below 40 g

APPENDIX 2A. DIOXINS AND FURANS IN 2001 FISH SAMPLES: ANDROSCOGGIN RIVER AND KENNEBEC RIVER

DEP ID WRI ID Compound	KNW-SMB-1 01-206	KNW-SMB-2 01-207	KNW-SMB-3 01-208	KNW-SMB-4 01-209	KNW-SMB-5 01-210	KNW-SMB-6 01-211	KNW-SMB-7 01-212	KNW-SMB-8 01-213	KNW-SMB-9 01-214	
DL (ng/Kg)										
2378-tcdf	0.11	0.39	0.58	0.71	0.64	1.55	1.13	0.62	1.32	0.84
12378-pecdf	0.25	<DL	<DL							
23478-pecdf	0.25	<DL	<DL							
123478-hxcdf	0.25	<DL	<DL							
123678-hxcdf	0.25	<DL	<DL	0.25	<DL	<DL	<DL	0.24	<DL	<DL
234678-hxcdf	0.25	<DL	<DL							
123789-hxcdf	0.25	<DL	<DL							
1234678-hpcdf	0.50	<DL	<DL							
1234789-hpcdf	0.50	<DL	<DL							
ocdf	0.50	<DL	<DL							
2378-tcdd	0.10	<DL	<DL							
12378-pecdd	0.25	<DL	<DL							
123478-hxcdd	0.25	<DL	<DL							
123678-hxcdd	0.25	<DL	<DL							
123789-hxcdd	0.25	<DL	<DL							
1234678-hpcdd	0.50	<DL	0.49	0.52	<DL	1.22	1.41	0.64	1.39	0.75
ocdd	0.50	1.45	1.88	2.66	2.26	3.91	3.75	2.09	4.06	3.15
DTEo	0.039	0.063	0.101	0.064	0.168	0.127	0.093	0.146	0.092	
DTEd	0.717	0.736	0.749	0.742	0.840	0.800	0.740	0.819	0.764	
DTEh	0.38	0.40	0.43	0.40	0.50	0.46	0.42	0.48	0.43	
DTEh sd										
DTEh Confidence										
DTEh 95 UCL										
% FTAL										
% Lipids	0.26	0.53	0.67	0.50	1.05	1.06	0.63	1.11	0.88	
Sample weight (g)	50.0	50.0	50.1	50.1	50.0	50.1	50.1	50.0	50.0	

** For sample weights below 40 g

APPENDIX 2A. DIOXINS AND FURANS IN 2001 FISH SAMPLES: ANDROSCOGGIN RIVER AND KENNEBEC RIVER

DEP ID WRI ID Compound	KNW-SMB-10 01-215	KNW-SMB ave	KNW-WHS-1 01-251	KNW-WHS-2 01-252	KNW-WHS-3 01-253	KNW-WHS-4 01-254	KNW-WHS-5 01-255	KNW-WHS-6 01-256	KNW-WHS-7 01-257	
	DL (ng/Kg)									
2378-tcdf	0.11	0.96	0.87	0.22	0.31	0.63	0.35	0.47	0.33	0.59
12378-pecdf	0.25	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	<DL	<DL
23478-pecdf	0.25	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	<DL	<DL
123478-hxcdf	0.25	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	<DL	<DL
123678-hxcdf	0.25	<DL	0.25	<DL	<DL	<DL	<DL	<DL	<DL	<DL
234678-hxcdf	0.25	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	<DL	<DL
123789-hxcdf	0.25	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1234678-hpcdf	0.50	<DL	#DIV/0!	<DL	<DL	0.45	0.25	0.39	<DL	0.52
1234789-hpcdf	0.50	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	<DL	<DL
ocdf	0.50	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	<DL	<DL
2378-tcdd	0.10	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	<DL	<DL
12378-pecdd	0.25	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	<DL	<DL
123478-hxcdd	0.25	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	<DL	<DL
123678-hxcdd	0.25	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	<DL	<DL
123789-hxcdd	0.25	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	<DL	<DL
1234678-hpcdd	0.50	0.91	0.92	<DL	<DL	0.73	<DL	0.51	<DL	0.61
ocdd	0.50	2.97	2.82	<DL	0.51	0.78	0.55	0.71	0.50	0.89
DTEo	0.105	0.10	0.022	0.031	0.075	0.038	0.056	0.033	0.070	
DTEd	0.778	0.77	0.700	0.709	0.742	0.710	0.724	0.711	0.738	
DTEh	0.44	0.43	0.36	0.37	0.41	0.37	0.39	0.37	0.40	
DTEh sd		0.04								
DTEh Confidence		0.02								
DTEh 95 UCL		0.46								
% FTAL		31								
% Lipids	0.84	0.75	0.97	1.72	2.47	1.84	2.09	1.65	2.92	
Sample weight (g)	50.1	50.05	50.1	50.1	50.1	50.0	50.1	50.0	50.0	

** For sample weights below 40 g

APPENDIX 2A. DIOXINS AND FURANS IN 2001 FISH SAMPLES: ANDROSCOGGIN RIVER AND KENNEBEC RIVER

DEP ID WRI ID Compound	KNW-WHS-8 01-258	KNW-WHS-9 01-259	KNW-WHS-10 01-260	KNW-WHS ave	KFF-BNT-1 01-136	KFF-BNT-2 01-137	KFF-BNT-3 01-138	KFF-BNT-4 01-139	KFF-BNT-5 01-140	
DL (ng/Kg)										
2378-tcdf	0.11	0.56	0.29	0.48	0.42	2.23	2.74	0.81	1.06	0.94
12378-pecdf	0.25	<DL	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL
23478-pecdf	0.25	<DL	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL
123478-hxcdf	0.25	<DL	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL
123678-hxcdf	0.25	<DL	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL
234678-hxcdf	0.25	<DL	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL
123789-hxcdf	0.25	<DL	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL
1234678-hpcdf	0.50	0.43	<DL	0.49	0.42	1.48	1.30	0.56	0.61	0.47
1234789-hpcdf	0.50	<DL	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL
ocdf	0.50	<DL	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL
2378-tcdd	0.10	<DL	<DL	<DL	#DIV/0!	1.82	1.48	0.64	0.75	0.51
12378-pecdd	0.25	<DL	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL
123478-hxcdd	0.25	<DL	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL
123678-hxcdd	0.25	<DL	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL
123789-hxcdd	0.25	<DL	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL
1234678-hpcdd	0.50	0.53	<DL	0.50	0.58	1.49	1.65	0.33	0.61	0.45
ocdd	0.50	1.02	0.48	0.76	0.69	3.26	3.45	1.02	2.15	1.47
					#DIV/0!					
					#DIV/0!					
DTEo	0.066	0.029	0.058		0.05	2.073	1.784	0.730	0.868	0.613
DTEd	0.733	0.707	0.726		0.72	2.641	2.351	1.298	1.436	1.181
DTEh	0.40	0.37	0.39		0.38	2.36	2.07	1.01	1.15	0.90
DTEh sd					0.02					
DTEh Confidence					0.01					
DTEh 95 UCL					0.39					
% FTAL					26					
% Lipids	2.54	1.45	2.10		3.37	3.29	1.33	1.06	1.08	
Sample weight (g)	50.1	50.0	50.1		50.0	50.0	50.1	50.0	50.0	

** For sample weights below 40 g

APPENDIX 2A. DIOXINS AND FURANS IN 2001 FISH SAMPLES: ANDROSCOGGIN RIVER AND KENNEBEC RIVER

DEP ID WRI ID Compound	KFF-BNT ave	KFF-SMB-1 01-231	KFF-SMB-2 01-232	KFF-SMB-3 01-233	KFF-SMB-4 01-234	KFF-SMB-5 01-235	KFF-SMB-6 01-236	KFF-SMB-7 01-237	KFF-SMB-8 01-238	
DL (ng/Kg)										
2378-tcdf	0.11	1.56	0.87	0.91	1.15	1.02	0.85	0.76	0.59	0.83
12378-pecdf	0.25	#DIV/0!	<DL	<DL						
23478-pecdf	0.25	#DIV/0!	<DL	<DL						
123478-hxcdf	0.25	#DIV/0!	<DL	<DL						
123678-hxcdf	0.25	#DIV/0!	<DL	<DL						
234678-hxcdf	0.25	#DIV/0!	<DL	<DL						
123789-hxcdf	0.25	#DIV/0!	<DL	<DL						
1234678-hpcdf	0.50	0.88	0.42	0.38	0.47	0.43	0.31	0.25	<DL	0.39
1234789-hpcdf	0.50	#DIV/0!	<DL	<DL						
ocdf	0.50	#DIV/0!	<DL	<DL						
2378-tcdd	0.10	1.04	0.29	0.35	0.39	0.45	0.41	0.34	0.25	0.33
12378-pecdd	0.25	#DIV/0!	<DL	<DL						
123478-hxcdd	0.25	#DIV/0!	<DL	<DL						
123678-hxcdd	0.25	#DIV/0!	<DL	<DL						
123789-hxcdd	0.25	#DIV/0!	<DL	<DL						
1234678-hpcdd	0.50	0.91	0.51	0.71	0.56	0.75	0.62	0.46	<DL	0.59
ocdd	0.50	2.27	1.15	1.21	1.39	1.48	1.26	0.91	0.77	1.06
DTEo	1.21	0.386	0.452	0.515	0.564	0.504	0.423	0.309	0.423	
DTEd	1.78	0.954	1.020	1.083	1.131	1.072	0.991	0.887	0.990	
DTEh	1.50	0.67	0.74	0.80	0.85	0.79	0.71	0.60	0.71	
DTEh sd	0.67									
DTEh Confidence	0.58									
DTEh 95 UCL	2.08									
% FTAL	139									
% Lipids	2.03	0.57	0.60	0.58	0.62	0.67	0.47	0.47	0.56	
Sample weight (g)	50.02	50.0	50.1	50.0	50.1	50.1	50.0	50.0	50.0	

** For sample weights below 40 g

APPENDIX 2A. DIOXINS AND FURANS IN 2001 FISH SAMPLES: ANDROSCOGGIN RIVER AND KENNEBEC RIVER

DEP ID WRI ID Compound	KFF-SMB-9 01-239	KFF-SMB-10 01-240	KFFSMB ave	KFF-WHS-1 01-241	KFF-WHS-2 01-242	KFF-WHS-3 01-243	KFF-WHS-4 01-244	KFF-WHS-5 01-245	KFF-WHS-6 01-246	
	DL (ng/Kg)									
2378-tcdf	0.11	0.52	0.69	0.82	2.15	1.76	1.43	1.34	1.87	0.95
12378-pecdf	0.25	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	<DL
23478-pecdf	0.25	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	<DL
123478-hxcdf	0.25	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	<DL
123678-hxcdf	0.25	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	<DL
234678-hxcdf	0.25	<DL	<DL	#DIV/0!	0.84	0.66	0.48	0.54	0.81	0.31
123789-hxcdf	0.25	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	<DL
1234678-hpcdf	0.50	<DL	0.28	0.37	<DL	<DL	<DL	<DL	<DL	<DL
1234789-hpcdf	0.50	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	<DL
ocdf	0.50	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	<DL
2378-tcdd	0.10	0.26	0.35	0.34	0.45	0.38	0.34	0.29	0.36	0.21
12378-pecdd	0.25	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	<DL
123478-hxcdd	0.25	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	<DL
123678-hxcdd	0.25	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	<DL
123789-hxcdd	0.25	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	<DL
1234678-hpcdd	0.50	<DL	0.67	0.61	0.88	0.64	0.72	0.53	0.91	0.35
ocdd	0.50	0.78	1.18	1.12	4.04	3.88	3.71	2.95	3.31	1.55
DTEo	0.312	0.429	0.43	0.758	0.629	0.539	0.484	0.637	0.340	
DTEd	0.890	0.996	1.00	1.306	1.176	1.086	1.031	1.185	0.887	
DTEh	0.60	0.71	0.72	1.03	0.90	0.81	0.76	0.91	0.61	
DTEh sd			0.08							
DTEh Confidence			0.05							
DTEh 95 UCL			0.77							
% FTAL			51							
% Lipids	0.37	0.57	0.55	2.92	2.79	2.61	1.99	2.48	1.84	
Sample weight (g)	50.0	50.0	50.03	50.0	50.1	50.1	50.1	50.1	50.1	

** For sample weights below 40 g

APPENDIX 2A. DIOXINS AND FURANS IN 2001 FISH SAMPLES: ANDROSCOGGIN RIVER AND KENNEBEC RIVER

DEP ID WRI ID Compound	KFF-WHS-7 01-247	KFF-WHS-8 01-248	KFF-WHS-9 01-249	KFF-WHS-10 01-250	KFFWHS ave	KWL-BNT-1 01-141	KWL-BNT-2 01-142	KWL-BNT-3 01-143	KWL-BNT-4 01-144	
	DL (ng/Kg)									
2378-tcdf	0.11	1.19	1.39	1.05	2.06	1.52	0.41	0.34	0.75	1.15
12378-pecdf	0.25	<DL	<DL	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL
23478-pecdf	0.25	<DL	<DL	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL
123478-hxcdf	0.25	<DL	<DL	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL
123678-hxcdf	0.25	<DL	<DL	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL
234678-hxcdf	0.25	0.49	0.37	0.66	0.75	0.59	<DL	<DL	<DL	<DL
123789-hxcdf	0.25	<DL	<DL	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL
1234678-hpcdf	0.50	<DL	<DL	<DL	<DL	#DIV/0!	0.44	0.39	0.95	1.14
1234789-hpcdf	0.50	<DL	<DL	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL
ocdf	0.50	<DL	<DL	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL
2378-tcdd	0.10	0.26	0.25	0.196	0.42	0.32	0.30	0.22	0.51	0.75
12378-pecdd	0.25	<DL	<DL	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL
123478-hxcdd	0.25	<DL	<DL	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL
123678-hxcdd	0.25	<DL	<DL	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL
123789-hxcdd	0.25	<DL	<DL	<DL	<DL	#DIV/0!	<DL	<DL	<DL	<DL
1234678-hpcdd	0.50	0.47	<DL	0.51	0.72	0.64	0.62	0.57	1.36	1.85
ocdd	0.50	2.66	2.08	1.95	3.69	2.98	1.15	0.86	2.04	3.66
DTEo	0.433	0.426	0.372	0.709	0.53	0.352	0.264	0.608	0.895	
DTEd	0.981	0.979	0.914	1.256	1.08	0.919	0.831	1.176	1.463	
DTEh	0.71	0.70	0.64	0.98	0.81	0.64	0.55	0.89	1.18	
DTEh sd					0.14					
DTEh Confidence					0.09					
DTEh 95 UCL					0.90					
% FTAL					60					
% Lipids	1.80	1.74	1.82	3.39		1.00	0.45	1.89	2.87	
Sample weight (g)	50.0	50.0	50.0	50.0		50.1	50.0	50.0	50.1	

** For sample weights below 40 g

APPENDIX 2A. DIOXINS AND FURANS IN 2001 FISH SAMPLES: ANDROSCOGGIN RIVER AND KENNEBEC RIVER

DEP ID WRI ID Compound	KWL-BNT-5 01-145	KWL-BNT ave	KFF-SMB-1 01-231	KSD-SMB-1 01-081	KSD-SMB-2 01-082	KSD-SMB-3 01-083	KSD-SMB-4 01-084	KSD-SMB-5 01-085	KSD-SMB ave	
	DL (ng/Kg)									
2378-tcdf	0.11	0.66	0.66	0.87	0.95	1.12	1.32	1.06	1.44	1.18
12378-pecdf	0.25	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	<DL	#DIV/0!
23478-pecdf	0.25	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	<DL	#DIV/0!
123478-hxcdf	0.25	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	<DL	#DIV/0!
123678-hxcdf	0.25	<DL	#DIV/0!	<DL	0.31	0.52	0.41	0.39	0.57	0.44
234678-hxcdf	0.25	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	<DL	#DIV/0!
123789-hxcdf	0.25	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	<DL	#DIV/0!
1234678-hpcdf	0.50	0.72	0.73	0.42	<DL	<DL	<DL	<DL	<DL	#DIV/0!
1234789-hpcdf	0.50	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	<DL	#DIV/0!
ocdf	0.50	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	<DL	#DIV/0!
2378-tcdd	0.10	0.34	0.42	0.29	0.19	0.22	0.25	0.16	0.29	0.22
12378-pecdd	0.25	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	<DL	#DIV/0!
123478-hcddd	0.25	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	<DL	#DIV/0!
123678-hcddd	0.25	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	<DL	#DIV/0!
123789-hcddd	0.25	<DL	#DIV/0!	<DL	<DL	<DL	<DL	<DL	<DL	#DIV/0!
1234678-hpcdd	0.50	1.02	1.08	0.51	0.44	0.65	0.75	0.39	0.84	0.61
ocdd	0.50	1.88	1.92	1.15	0.86	1.21	1.54	2.61	1.84	1.61
 DTEo	0.424	0.51	0.386	0.320	0.391	0.431	0.309	0.500	0.39	
DTEd	0.991	1.08	0.954	0.868	0.938	0.978	0.857	1.047	0.94	
DTEh	0.71	0.79	0.67	0.59	0.66	0.70	0.58	0.77	0.66	
DTEh sd		0.25							0.08	
DTEh Confidence		0.22							0.07	
DTEh 95 UCL		1.01							0.73	
% FTAL		67							49	
 % Lipids	1.25	1.49	0.57	0.41	0.60	0.60	0.51	0.70	0.57	
Sample weight (g)	50.0	50.04	50.0	50.0	50.0	50.0	50.0	50.0	50.00	

** For sample weights below 40 g